METHODS AND APPARATUS FOR SELECTION OF MIRRORED TRAFFIC

ABSTRACT OF THE DISCLOSURE

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One embodiment disclosed relates to a method for mirroring of select network traffic. A data packet is received by a network device. A determination is made as to whether a designated aspect of the packet matches a flagged entry in a look-up table on the network device. If a match is found,

10 then copy of the packet is sent to an associated mirror destination. Another embodiment disclosed relates to a networking apparatus. The apparatus includes at least an operating system, a look-up table, and a mirroring engine. The operating system includes routines utilized to control the apparatus, and the look-up table includes selection information for mirror sources. The mirroring

15 engine forwards copies of selected packets to a corresponding mirror destination. Another embodiment disclosed relates to a method of selecting packets to mirror that includes checking state information relating to the network traffic against dynamic mirroring criteria.

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